



Work Order (Bid Form)

Knoxville/Knox County Community Action Committee



WORK ORDER INFORMATION

Work Order Name: WO/80008KN0782/1

Work Order Type: Weatherization

Audit Name: 80008KN0782-Audit

CLIENT INFORMATION

Client Name:

Address:

Client ID: 80008KN0782

Alt. Client ID: Knox

AGENCY INFORMATION

Agency: Knoxville/Knox County CAC

Address: P.O.Box 51650

Knoxville, TN 37950-1650

Agency Phone: (865) 244-3080

Fax: (865) 544-1647

Email Address: jason.estes@cachousing.org

Company Name & License Number: _____

Contractor's Signature: _____

COMMENT

•Single Family Dwelling

Contractor to follow 2006 International Residential Code as adopted by the City of Knoxville or Knox County as applicable.

City

House built in 1950

An EPA Certified Firm/Renovator is required.

Client Name:

Client ID: 80008KN0782

Alt. Client ID: Knox

Work Order (Bid Form)

Work Order Name: WO/80008KN0782/1

Report Run On: 5/8/2010

DOE Weatherization Assistant

Version 8.6.0

Page 1 of 9

Measures

Measure 1 Infiltration Redctn

Components

Inspected

Comment D1 Open ring. 19 air seals needed. Weatherstrip attic access, D1, D2, D3. Seal plumbing penetrations. Beaded ceiling and drop ceiling in back are major sources of air leakage. •Reduce air infiltration with 19 air seals. Each air seal is equal to 100 cfms. It is the responsibility of the contractor to find the air leaks. This is best performed with a Blower Door. Contractor must meet or exceed the targeted #. A house must not be brought below 1500 cfm @ 50 pascals. No CHANGE ORDER for air seals below the targeted #. "Open" Ring, Front Door, 5047 CFM @ 50 pascals. Target is 3147 CFM @ 50 PA

☐

#	Material / Labor	Description / Comment	Units	Estimated			Actual		
				Qty	Unit Cost	Total	Qty	Unit Cost	Total
1	Miscellaneous Su	Infiltration Reduction	Each	19	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
2	Labor	labor	Each	19	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>

Other Detail

<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>

Measure Sub Total:

Sub Total:

Field Notes:

Client Name:

Client ID: 80008KN0782

Alt. Client ID: Knox

Work Order (Bid Form)

Work Order Name: WO/80008KN0782/1

Report Run On: 5/8/2010

DOE Weatherization Assistant

Version 8.6.0

Page 2 of 9

Measure 2 DWH Pipe Insulation**Components****Inspected****Comment**☐

#	Material / Labor	Description / Comment	Units	Estimated			Actual		
				Qty	Unit Cost	Total	Qty	Unit Cost	Total
1	Insulation	DHW Pipe Insulation Includes labor cost. All corners must be cut properly. Refer to Appendix A- Standards for Weatherization Materials and Southeast Field Guide.	Each	1	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
2	Labor	DHW Pipe Insulation	Each	1	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>

Other Detail

<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>

Measure Sub Total:**Sub Total:****Field Notes:**

Client Name:

Client ID: 80008KN0782

Alt. Client ID: Knox

Work Order (Bld Form)

Work Order Name: WO/80008KN0782/1

Report Run On: 5/8/2010

DOE Weatherization Assistant

Version 8.6.0

Page 3 of 9

Measure 3 Floor Ins. R-19**Components F2****Inspected**

Comment •Includes labor cost. Contractor's responsibility to seal penetration in floor before installing insulation. Contractor to install using Resnet Grade 1 Standards. Insulation is installed to maintain permanent contact with the subfloor above (paper side against subfloor) including necessary supports (e.g. staves for blankets). Insulation to have NO gaps, voids, or compressions. Refer to Appendix A- Standards for Weatherization Materials and Southeast Field Guide.

☐

#	Material / Labor	Description / Comment	Units	Qty	Estimated		Actual		
					Unit Cost	Total	Qty	Unit Cost	Total
1	Insulation	Floor Insulation - Fiberglass Batts - R-19	SqFt	270	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
2	Labor	Floor Insulation - Fiberglass Batts - R-19	SqFt	270	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>

Other Detail

<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>

Measure Sub Total:**Sub Total:****Field Notes:**

Client Name:

Client ID: 80008KN0782

Alt. Client ID: Knox

Work Order (Bid Form)

Work Order Name: WO/80008KN0782/1

Report Run On: 5/8/2010

DOE Weatherization Assistant

Version 8.6.0

Page 4 of 9

Measure 4 Floor Ins. R-19**Components F1****Inspected**

Comment •Includes labor cost. Contractor's responsibility to seal penetration in floor before installing insulation. Contractor to install using Resnet Grade 1 Standards. Insulation is installed to maintain permanent contact with the subfloor above (paper side against subfloor) including necessary supports (e.g. staves for blankets). Insulation to have NO gaps, voids, or compressions. Refer to Appendix A- Standards for Weatherization Materials and Southeast Field Guide.

☐

#	Material / Labor	Description / Comment	Units	Qty	Estimated		Actual		
					Unit Cost	Total	Qty	Unit Cost	Total
1	Insulation	Floor Insulation - Fiberglass Batts - R-19	SqFt	200	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
2	Labor	Floor Insulation - Fiberglass Batts - R-19	SqFt	200	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>

Other Detail

<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>

Measure Sub Total:**Sub Total:****Field Notes:**

Client Name:

Client ID: 80008KN0782

Alt. Client ID: Knox

Work Order (Bid Form)

Work Order Name: WO/80008KN0782/1

Report Run On: 5/8/2010

DOE Weatherization Assistant

Version 8.6.0

Page 5 of 9

Measure 5 Attic Ins. R-38**Components A1****Inspected**

Comment •Includes labor cost. Contractor to install 1 ruler for every 300 square foot of attic space showing depth of insulation. Build insulation dam around attic access. Install baffles as needed to prevent loose fill insulation from entering soffit and covering vent. Seal all holes, gaps, and penetrations in attic before insulating. Seal around chimney with sheet metal and high temperature silicone or fire resistant foam. Install R-30 fiberglass batt secured to attic access and weather strip with foam tape. Contractor to install using Resnet Grade 1 Standards. Refer to Appendix A- Standards for Weatherization Materials and Southeast Field Guide.

☐

#	Material / Labor	Description / Comment	Units	Qty	Estimated		Actual		
					Unit Cost	Total	Qty	Unit Cost	Total
1	Insulation	Attic Insulation - Blown Fiberglass - R-38	SqFt	1244	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
2	Labor	Attic Insulation - Blown Fiberglass - R-38	SqFt	1244	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>

Other Detail

<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>

Measure Sub Total:**Sub Total:****Field Notes:**

Client Name:

Client ID: 80008KN0782

Alt. Client ID: Knox

Work Order (Bld Form)

Work Order Name: WO/80008KN0782/1

Report Run On: 5/8/2010

DOE Weatherization Assistant

Version 8.6.0

Page 6 of 9

Measure 6 DWH Tank Insulation**Components****Inspected****Comment** extend pressure relief pipe as needed☐

#	Material / Labor	Description / Comment	Units	Estimated			Actual		
				Qty	Unit Cost	Total	Qty	Unit Cost	Total
1	Hot Water Equipm	DHW Tank Insulation Includes labor cost. R-10 minimum. Refer to Appendix A- Standards for Weatherization Materials and Southeast Field Guide.	Each	1	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
2	Labor	DHW Tank Insulation	Each	1	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>

Other Detail

<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>

Measure Sub Total:**Sub Total:****Field Notes:**

Client Name:

Client ID: 80008KN0782

Alt. Client ID: Knox

Work Order (Bld Form)

Work Order Name: WO/80008KN0782/1

Report Run On: 5/8/2010

DOE Weatherization Assistant

Version 8.6.0

Page 7 of 9

Measure 7 Fix Ventilation Inadequate (Attic) (2 low vents) Components**Inspected**

Comment Roof Vents installed on High part of roof to achieve Net Free Ventilating Area of 1/150 of the area of space being ventilated. 1/2 high and 1/2 low. No changes allowed. Refer to Attachment A- Standards for Weatherization Materials and Southeast Field Guide.

☐

NOTE: Do not install roof vents on front part of house.

#	Material / Labor	Description / Comment	Units	Estimated			Actual		
				Qty	Unit Cost	Total	Qty	Unit Cost	Total
1	Health and Safety	Roof Vents Location	Each	2	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
2	Labor	Labor	Each	2	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>

Other Detail

<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>

Measure Sub Total:**Sub Total:****Field Notes:****Measure 8 Vapor Barrier Needed (200 sq ft) Components****Inspected**

Comment Must be 6 mil poly. Must be installed 100% of crawlspace with 6" turned up all walls and support piers. Must be securely fastened. Must be cleated down to earth. Must be secured at all seams. Refer to Attachment A- Standards for Weatherization Materials and Southeast Field Guide.

☐

#	Material / Labor	Description / Comment	Units	Estimated			Actual		
				Qty	Unit Cost	Total	Qty	Unit Cost	Total
1	Health and Safety	Basement /Crawlspace Vapor Barrier	SqFt	200	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
2	Labor	Labor	SqFt	200	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>

Other Detail

<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>

Measure Sub Total:**Sub Total:****Field Notes:**

Client Name:

Client ID: 80008KN0782

Alt. Client ID: Knox

Work Order (Bid Form)

Work Order Name: WO/80008KN0782/1

Report Run On: 5/8/2010

DOE Weatherization Assistant

Version 8.6.0

Page 8 of 9

Work Order Grand Total:	<input type="text"/>	Grand Total:	<input type="text"/>
--------------------------------	----------------------	---------------------	----------------------